

## Converting Decimals To Fractions

To convert a decimal into a fraction simply follow these simple steps.

- 1) What place value column is the very last number to the decimal eg /10, /100, /1000 etc
- 2) This place value column is your denominator
- 3) The entire number after the decimal point is your numerator

Eg. 0.345

- 1) The last number is 5. Its column is /1000
- 2) The denominator is /1000
- 3) The entire number after the decimal point is 345

Therefore 0.345 converted to a fraction is  $345/1000$

To convert a decimal with a whole number, follow the same steps as above, but put the whole number out the front of the fraction.

Eg. 12.456

- 1) The last number is 6. Its column is /1000
- 2) The denominator is /1000
- 3) The entire number after the decimal point is 456

Therefore 12.456 as a fraction is  $12 \frac{456}{1000}$